

ABSTRACT

A commutator-integrated armature of a rotary electric machine is comprised of a rotary shaft, an armature core composed of a plurality of laminated sheets, an armature coil composed of a plurality of conductor segments. The conductor segments have in-slot portions respectively inserted into a plurality of slots of the armature core and end portions forming a flat commutator. The armature core has an anchoring portion for anchoring a part of each of the in-slot portions to the armature core more strongly than the rest thereof. The surface of the flat commutator is maintained flat even if the conductor segments repeat thermal expansion and contraction.